

November 17, 2011

To: All Interested Vendors

Re: Request for Information

The State of Montana, Department of Transportation, is requesting information regarding applications in support of Safety Management. The State of Montana invites all interested parties to submit a written response to this Request for Information (RFI).

This RFI is being sought strictly for the purpose of gaining knowledge of services and supplies available with an estimate of their corresponding costs and should not be construed as intent, commitment, or promise to acquire services, supplies, or solutions offered. **No contract will result from any response to this RFI.**

Information submitted in response to this RFI will become the property of the State of Montana.

The State of Montana will not pay for any information herein requested nor is it liable for any cost incurred by the vendor.

RFI responses must be received prior to **December 29, 2011** at the following address:

Procurement Officer: Meghan Serviss
Address: 2701 Prospect, Helena, MT 59620-1001
Telephone Number: 406-444-0889
Fax Number: 406-444-5411
E-mail Address: mserviss@mt.gov

Procedural, administrative, or contractual questions and answers may be directed to the procurement officer listed above. Technical or requirement questions may be directed to Kraig McLeod, at (406) 444-6256 or krmcleod@mt.gov.

We appreciate your response to this request.

1.0 PURPOSE AND OBJECTIVES

The overall purpose of this RFI is to elicit information from vendors on available solutions for providing highway safety analyses to public transportation agencies. A proposed highway safety analyses solution would provide an opportunity to access dissimilar datasets from heterogeneous systems for the purposes of performing safety analyses and reporting.

The Montana Department of Transportation (MDT) has identified a number of business drivers which is necessitating either significantly enhancing or replacing its current Safety Management System (SMS). These business drivers include the availability of several external databases not usable by the current MDT system; technological limitations; stakeholder requests for a more fully functional, robust and user-friendly system; and the potential to integrate other enabling technologies. Primary objectives will be to enhance the following: timeliness, consistency, completeness, accuracy, and accessibility of data and analyses.

2.0 PROJECT DESCRIPTION

2.1 Overview

The State of Montana and the Montana Department of Transportation (MDT) have established a number of goals for improving highway safety in the state. These goals include reducing traffic related deaths and serious injuries for citizens and visitors; reducing the number of alcohol-related traffic fatalities; increasing the use of safety restraints in vehicles through enforcement and education; enhancing commercial vehicle safety and protecting federal, state, and local government investment in the highway system infrastructure.

A critical element in meeting these goals is having a functionally robust safety management solution available for use by multiple stakeholders both internal and external to MDT.

As a result of the challenges with the current safety management business processes and the SMS application, MDT has initiated a project to evaluate business choices available for transportation safety management solutions.

2.2 Project goals and objectives

The goal of this project is to identify potential safety management solutions meeting the long-term business needs of MDT.

Key objectives of this project are to determine availability of proven solutions, identify best fit for stakeholders, and assess potential life cycle costs to MDT.

The project team will utilize the information obtained from this RFI to assist stakeholders in selecting the long-term direction for safety management, including potential implementation of a new safety management application.

3.0 RFI RESPONSE INSTRUCTIONS

The State is asking all interested parties to submit a response with detailed information about their safety management solution, including any additional information regarding the proposed solution that they believe will be beneficial to the State.

The State seeks the following information:

3.1 General / Functional Capability

- A. From an end user's perspective, describe the general functionality of your solution. Please include at a minimum:
 - .01 Ease of use and intuitive-use for the average user,
 - .02 Search / query capability,
 - .03 Standard and adhoc reporting,
 - .04 Graphic capability.
- B. Describe the general technical capability of your solution. Please include at a minimum:
 - .01 Import and export capability (data and graphics),
 - .02 Access methods (internet versus local network) for internal and external stakeholders.
- C. Describe integration with linear referencing methodology. Please include at a minimum:
 - .01 Temporal data,
 - .02 Collision diagrams,
 - .03 Integration with Linear Referencing Methods,
 - .04 Processing and Quality Assurance of coordinate information,
 - .05 Visual representation.
- D. Describe the capability to perform trend analysis. Please include at a minimum:
 - .01 Short and long-term,
 - .02 Problem identification methodologies,
 - .03 Roadway geometric characteristics,
 - .04 Safety Level Of Service,
 - .05 Network Screening.

3.2 Integration / Technical

- A. Describe the flexibility of your solution regarding data sets and models. Please include the MMUCC and MIRE data models.
- B. Describe the flexibility and ability to integrate with and/or utilize multiple data sources, both internal and external to MDT. Datasets are related to driver, vehicle, roadway, crash, injury, and citation/adjudication.
- C. Describe your strategic technology direction and standards.
- D. Describe any technical dependencies or other required applications.
- E. Describe how your solution integrates with other applications. Please include at a minimum:
 - .01 GIS-based,
 - .02 Remote sensing,
 - .03 CADD.

3.3 Planning / Implementation

- A. How would you support MDT in efforts to utilize the methodologies within the FHWA Highway Safety Manual?
- B. Describe how you might implement a solution for MDT, including a high-level timeline.
- C. From past experiences implementing your safety management solution, please provide a list of potential problems / risks that MDT may encounter implementing a new solution.
- D. Describe the incorporation of federal highway safety standards and guidelines. Also include methodology for tracking and incorporating changes to federal highway safety standards and guidelines.

3.4 Demonstration

Briefly describe your companies willingness to perform a demonstration of your existing system, either on-site in Helena, Montana, or via the internet through a webinar. MDT is also interested in demonstrations of implemented solutions.

3.5 Vendor Overview & Experience

- A. Briefly describe your company, products and services, history, ownership and any other information you deem relevant.
- B. Briefly describe your past experience providing safety management solutions.
 - .01 Describe your interest in providing services/support to MDT.
 - .02 Describe experience with public sector customers.
- C. Please provide generalized pricing information.